

Under the Paperwork Reduction Act

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 1 of 1

PTO/SB/08A (08-03)	
Approved for use through 07/31/2008. OMB 0851-0303	
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE	
Send to a collection of information unless it contains a valid OMB control number.	
Complete // Known	
Application Number	10/828,556
Filing Date	07/26/2003
First Named Inventor	Karl E. Wiedemann
Art Unit	1762
Examiner Name	Erma C. Cameron
Attorney Docket Number	ASM185-1

**Examiner
Signature**

ERMA CAMERON

**Dados
Considerados**

5/25/06

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and has considered. Include copy of this form with need communication to applicant. "Applicant's unique citation designation number (optional). "See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. "Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. "Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.87 and 1.88. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual cases. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Please type a plus sign (+) inside this box →

NOV 19 2003

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 4

Complete If Known

Application Number	10/626,556
Filing Date	July 25, 2003
First Named Inventor	Karl E. WIEDEMANN
Group Art Unit	Not Yet Assigned 1762
Examiner Name	Not Yet Assigned CAMERON

Attorney Docket Number 41517-190883

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
ECC	1	3,635,887		Polmanteer	01/18/1972	
	2	3,729,438		Plesich et al.	04/24/1973	
	3	3,814,716		Kowalski et al.	06/04/1974	
	4	3,865,588		Ohto et al.	02/11/1975	
	5	3,894,873		Kobayashi et al.	07/15/1975	
	6	3,909,265		Miyama et al.	09/30/1975	
	7	3,949,142		Doggett	04/06/1976	
	8	3,953,212		Miyano et al.	04/27/1976	
	9	3,677,178		Gipe	07/18/1972	
	10	4,358,522		Fujita et al.	11/09/1982	
	11	4,433,007		Marwitz et al.	02/21/1984	
	12	4,435,476		Phillips et al.	03/06/1984	
	13	4,439,557		Kawamura et al.	03/27/1984	
	14	4,503,126		Phillips et al.	03/05/1985	
	15	4,535,109		Kondo et al.	08/13/1985	
	16	4,568,629		Kinashi et al.	02/04/1986	
	17	4,842,988		Herrmann et al.	06/27/1989	
	18	4,842,990		Herrmann et al.	06/27/1989	
	19	4,911,864		Sato et al.	03/27/1990	
	20	5,051,311		Popa et al.	09/24/1991	
	21	5,118,758		Graiver et al.	06/02/1992	
	22	5,145,907		Kalinowski et al.	09/08/1992	
	23	5,204,143		Nishimiya et al.	04/20/1993	
	24	5,258,063		Cifuentes et al.	11/02/1993	
	25	5,373,079		Alles	12/13/1994	
	26	5,424,354		Takeoka	06/13/1995	
	27	5,502,144		Kuo et al.	03/26/1996	
	28	5,516,812		Chu et al.	05/14/1996	
	29	5,679,725		Fisher	10/21/1997	
	30	5,731,059		Smith et al.	03/24/1998	
	31	5,811,210		Kawamura et al.	09/22/1998	
	32	5,932,650		Bayly	08/03/1999	
	33	5,990,231		DeGroot et al.	11/23/1999	
ECC	34	6,162,756		Friebe et al.	12/19/2000	

Examiner Signature	ERMA CAMERON	Date Considered	5/25/05
--------------------	--------------	-----------------	---------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

VENABLE
ATTORNEYS AT LAW

Please type a plus sign (+) inside this box →

+

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

Complete If Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 4

Application Number	10/626,556
Filing Date	July 25, 2003
First Named Inventor	Karl E. WIEDEMANN
Group Art Unit	Not Yet Assigned 1762
Examiner Name	Not Yet Assigned CAMERON
Attorney Docket Number	41517-190883

U.S. PATENT DOCUMENTS

Examiner
Signature

ERMA CAMERON

Date
Considered

5/25/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

VENABLE
ATTORNEYS AT LAW

Please type a plus sign (+) inside this box →

NOV 19 2003

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

3

of

4

Complete If Known

Application Number	10/626,556
Filing Date	July 25, 2003
First Named Inventor	Karl E. WIEDEMANN
Group Art Unit	Not Yet Assigned 1762
Examiner Name	Not Yet Assigned CAMERON
Attorney Docket Number	41517-190883

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
ECC	42	EP	0 242 899	A2	Boccalon et al.	10/28/1987		
ECC	43	EP	0 242 899	A3	Boccalon et al.	10/28/1987		
ECC	44	EP	0 572 148	A2	Doin et al.	12/01/1993		
ECC	45	EP	0 572 148	A3	Doin et al.	12/01/1993		
ECC	46	EP	WO 00/05308	A1	Luft et al.	02/03/2000		
ECC	47	EP	1 046 689	A1	Guillaumon et al.	10/25/2000		

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
ECC	48	"Silicones and Sol-gel Chemistry," University of Rochester (2003), http://www.che.rochester.edu:8080/Courses/CHE286/silicones.htm	
ECC	49	"Cytec>> Coating Chemicals," Cytec Industries Inc. (2003), http://www.cytec.com/business/SpecialtyChemicals/cymelpop.htm	
ECC	50	"Overview: Fumed Metal Oxides," Cabot Corp. (2003), http://w1.cabot-corp.com/controller.jsp?N=23+4294967082+1001&entry=product	
ECC	51	"Introduction," Illinois State University (2003), http://www.che.ilstu.edu/-standard/ECCC8/intro.html	
ECC	52	"Dow Corning(R) 3-0134 Polymer," Dow Corning Corp. (2003), http://www.dowcorning.com/applications/product_finder/pdf_details.asp?I1=004&pg=00001107&prod=04019371&type=MATL	
ECC	53	"Aerocoat K," Analytical Services & Materials, Inc. (2003), http://www.asm-usa.com/coatings/index.html	
ECC	54	"Coating of Rain Erosion Test Articles," Karl E. Wiedemann, Analytical Services & Materials, Inc., (2002).	

Examiner Signature

ERMA CAMERON

Date Considered

5/25/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

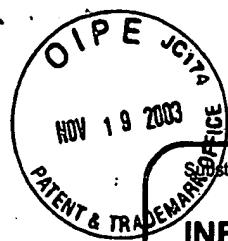
SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

VENABLE
ATTORNEYS AT LAW

Please type a plus sign (+) inside this box →

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031



U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

4

Of

4

Complete If Known

Application Number	10/626,556
Filing Date	July 25, 2003
First Named Inventor	Karl E. WIEDEMANN
Group Art Unit	Not Yet Assigned 1762
Examiner Name	Not Yet Assigned CAMERON

Attorney Docket Number

41517-190883

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
ECC	55	"One Part Silicone Sealants, " Dale Flackett, FlackTek, Inc., http://www.gelest.com/Library/library (2003)	
ECC	56	"The effect of a foul release coating on propeller performance" M. Atlar et al., ENSUS 2002: International Conference on Marine Science and Technology for Environment Sustainability, Newcastle, United Kingdom, December 2002.	
ECC	57	"Calculation of the Effects of New Generation Coatings on High Speed Propeller Performance," M. Atlar et al., 11th International Warship Cathodic Protection Symposium and Equipment Exhibition, Shrirenham, United Kingdom, February 2003.	
ECC	58	"Intersleek 700," International Marine Coatings (2003), http://www.intersleek700.com/main.asp .	
ECC	59	"EPON® RESIN: Epoxy Bisphenol F (BPF) Resin 862," Resolution Performance Products, LLC (2003), http://www.resins.com/resins/am/product_html/SC_772.html	

Examiner Signature	ERMA CAMERON	Date Considered	5/25/05
--------------------	--------------	-----------------	---------

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

DC2-DOCS1-499079v1

VENABLE
ATTORNEYS AT LAW